

Figure 1A

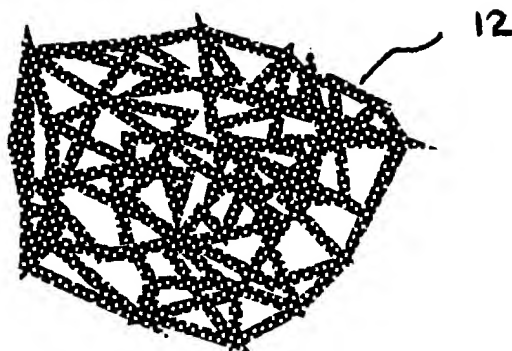


Figure 1B

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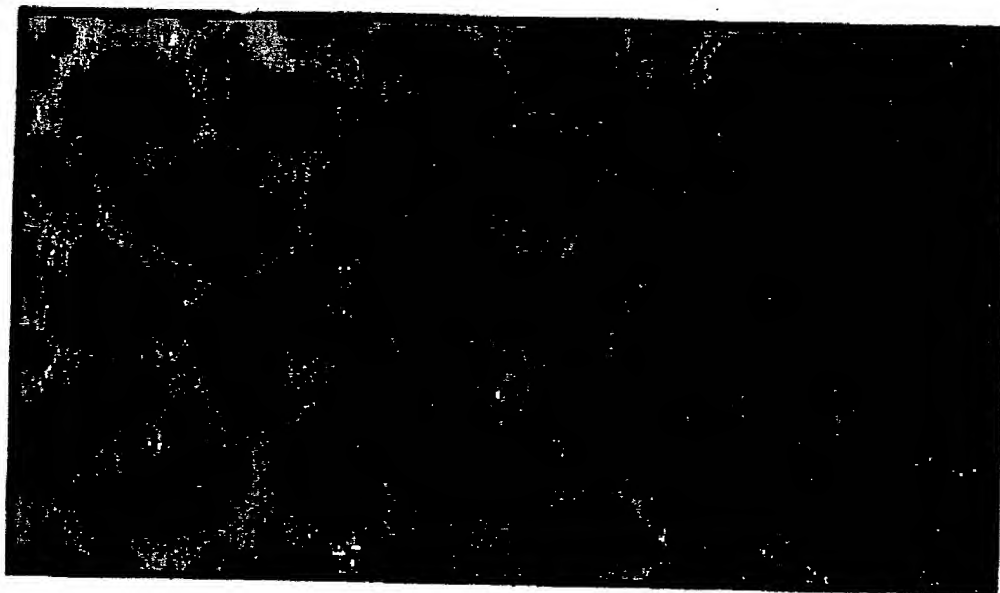


Figure 2A

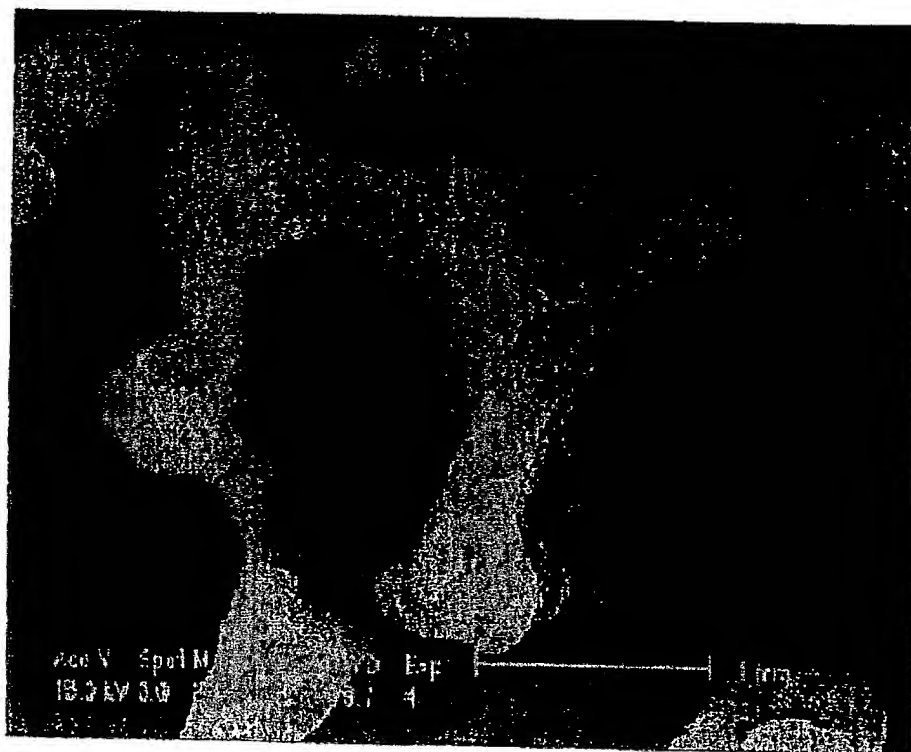


Figure 2B

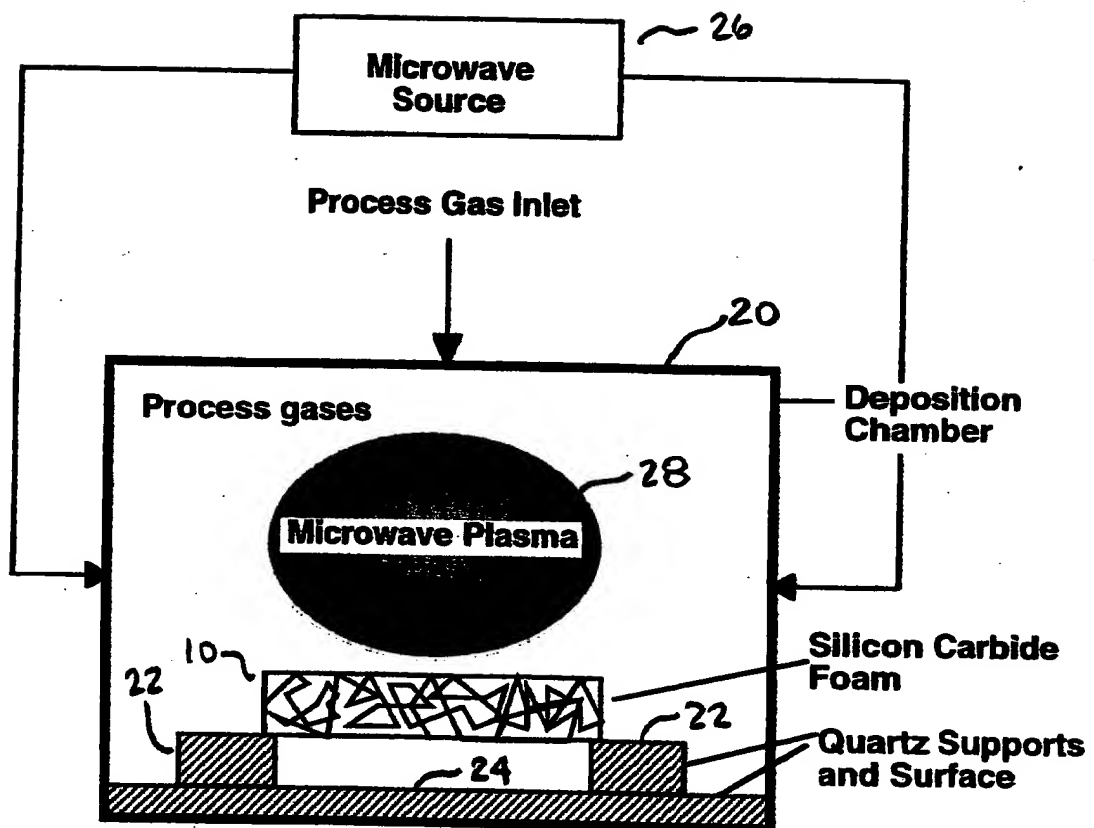


Figure 3

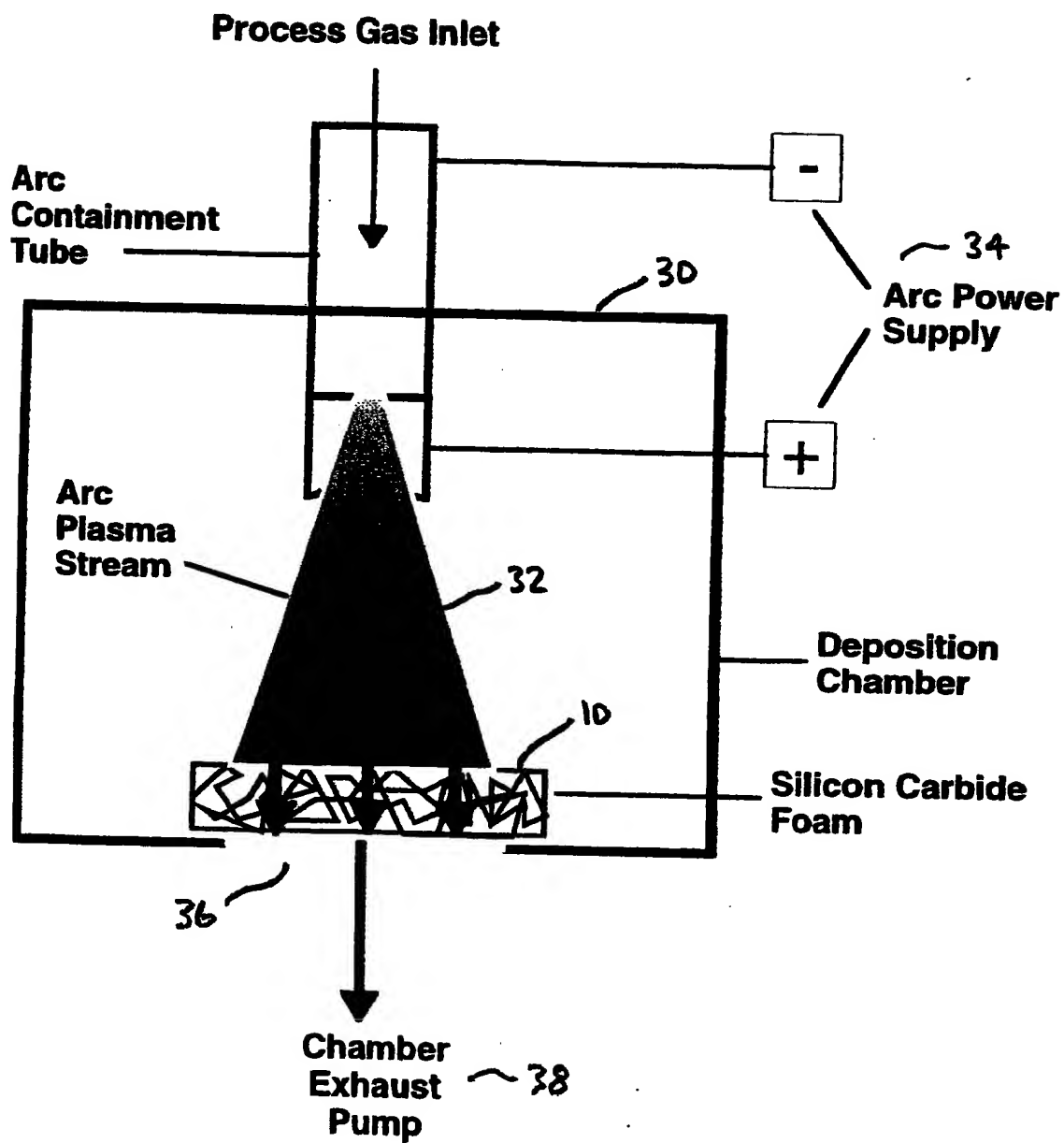


Figure 4

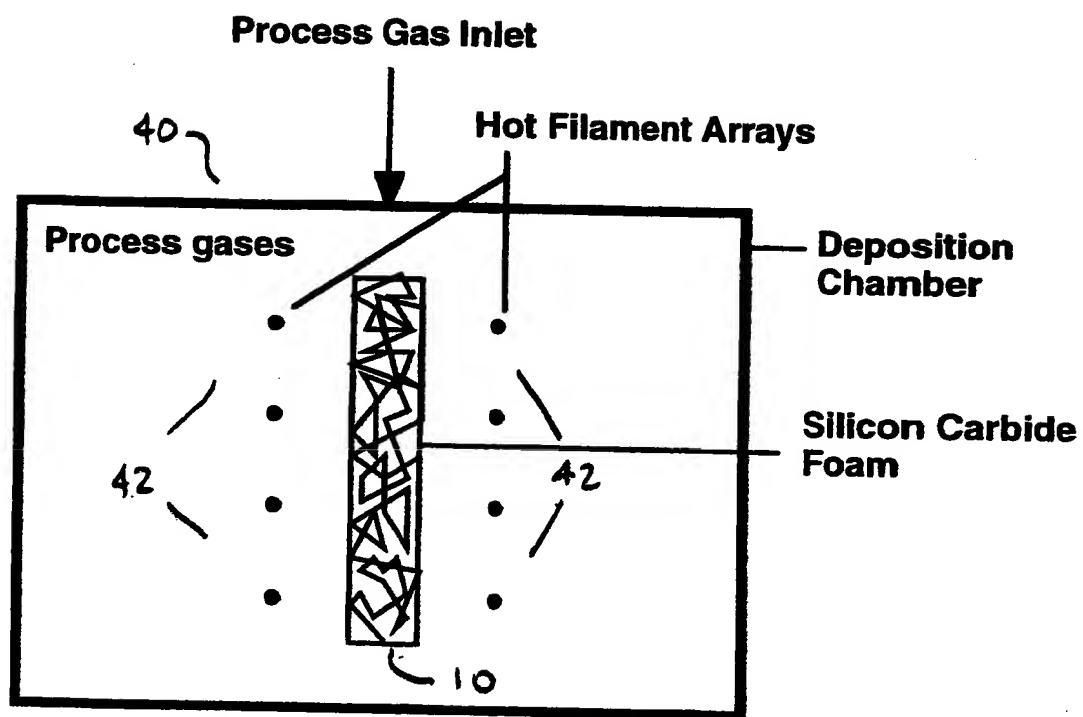


Figure 5

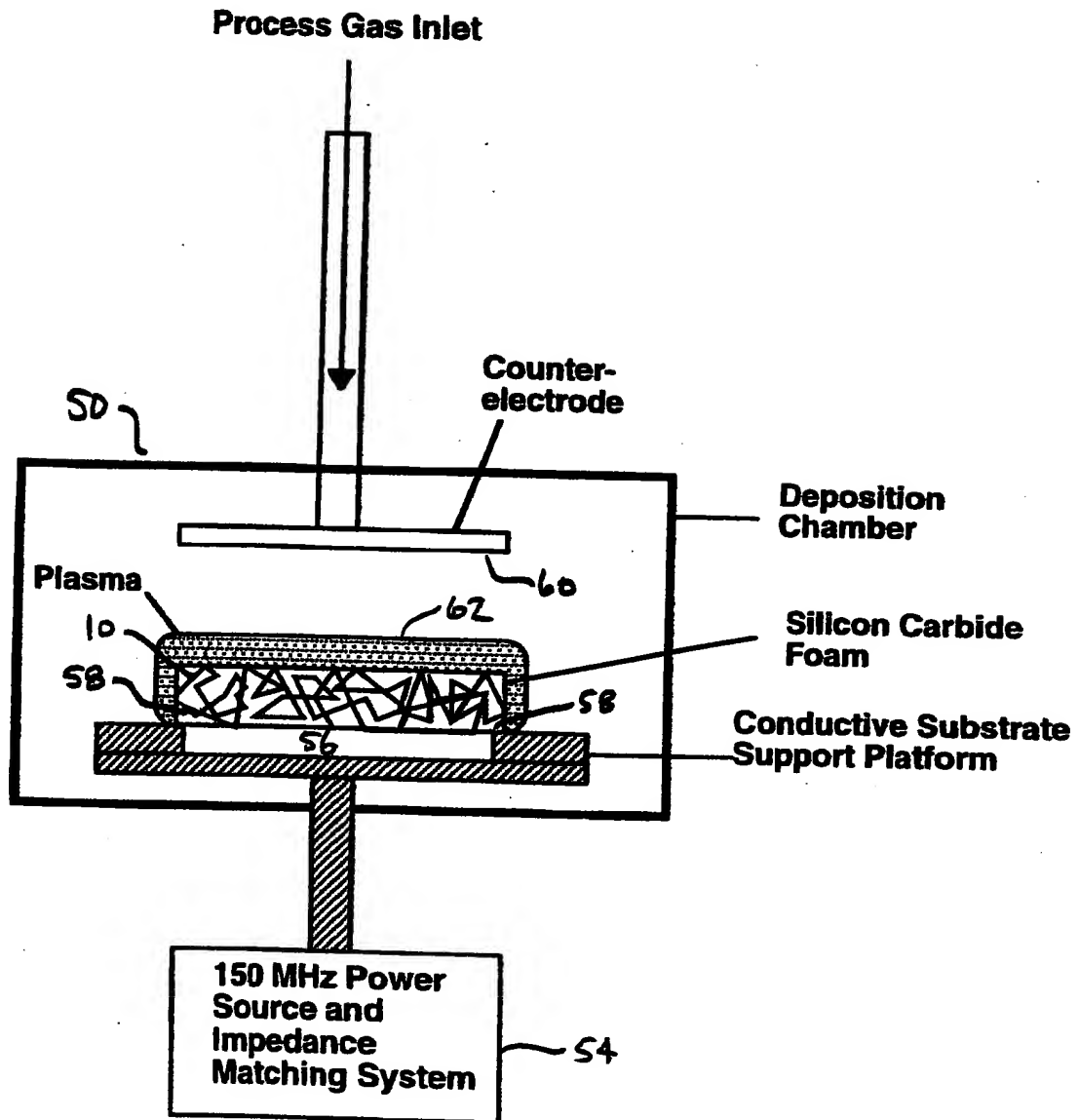


Figure 6

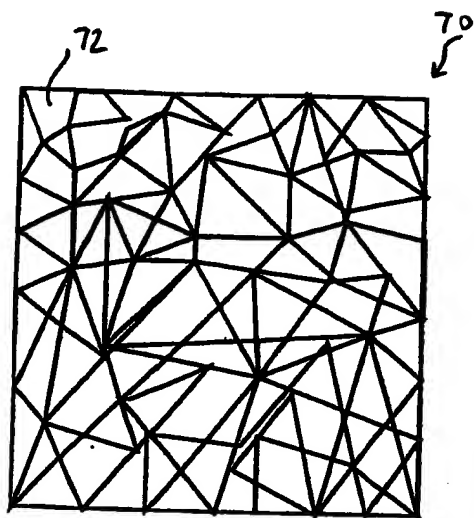


Figure 7A

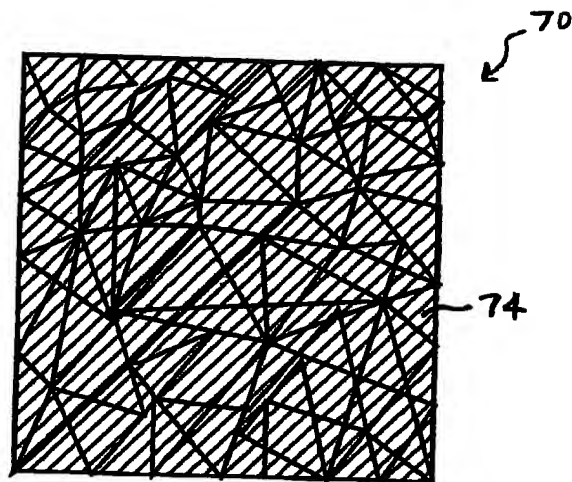


Figure 7C

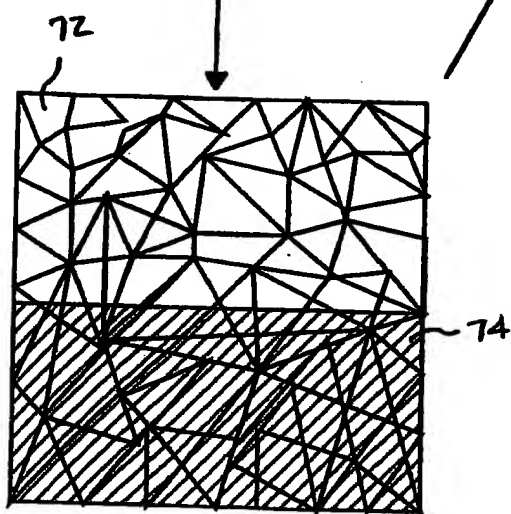


Figure 7B

## Partial and Complete Infiltration

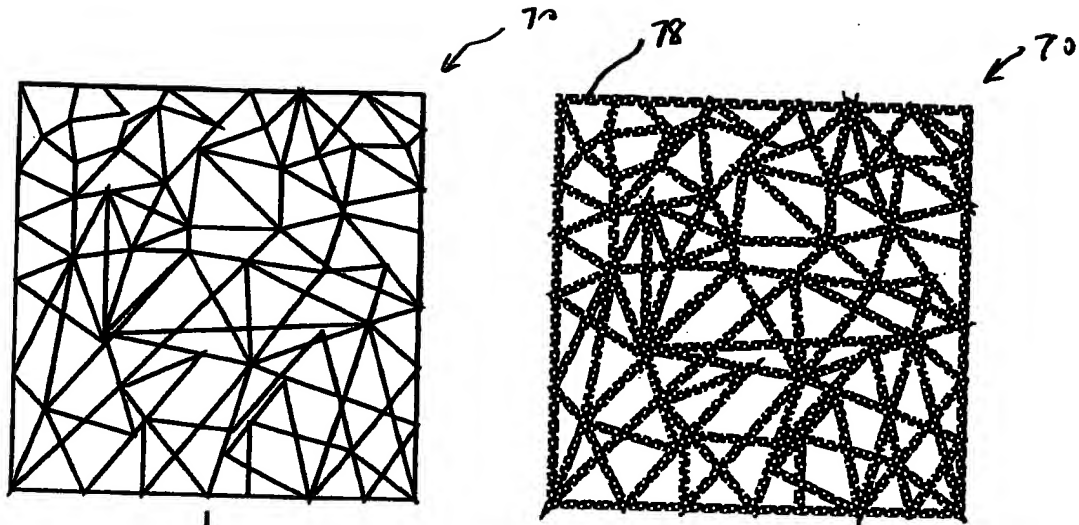


Figure 8A

Figure 8C

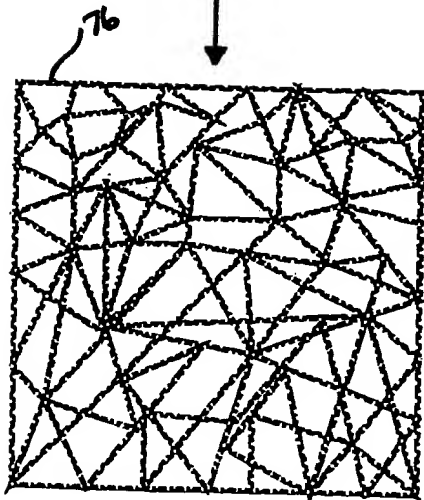


Figure 8B

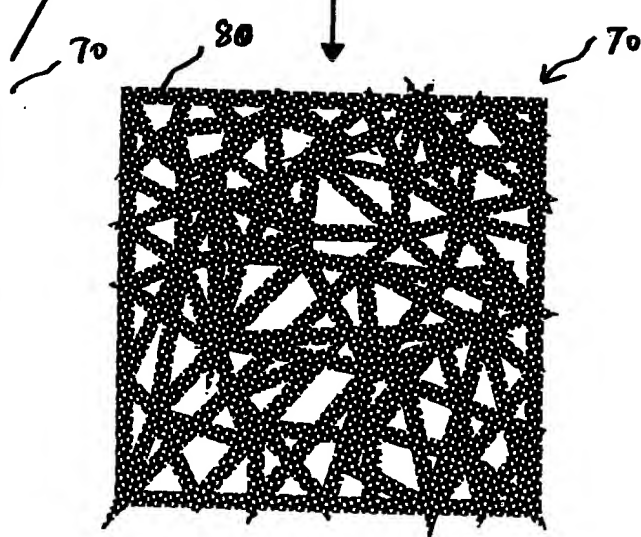


Figure 8D

Dip Coating



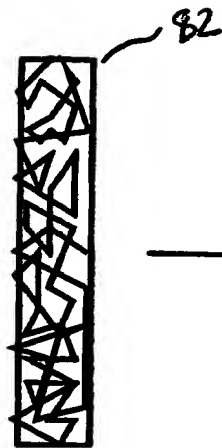


Figure 9A

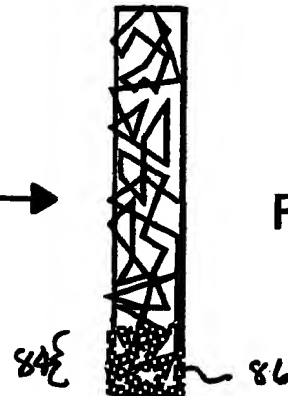


Figure 9B

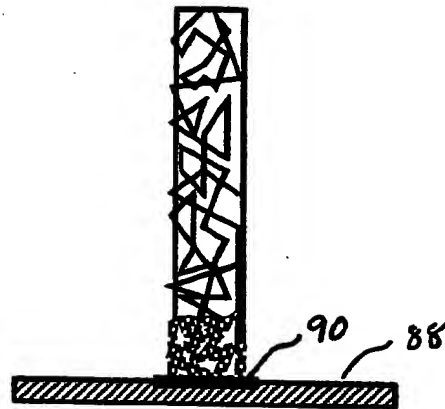


Figure 9C

Soldering Diamond Foam to Additional Materials

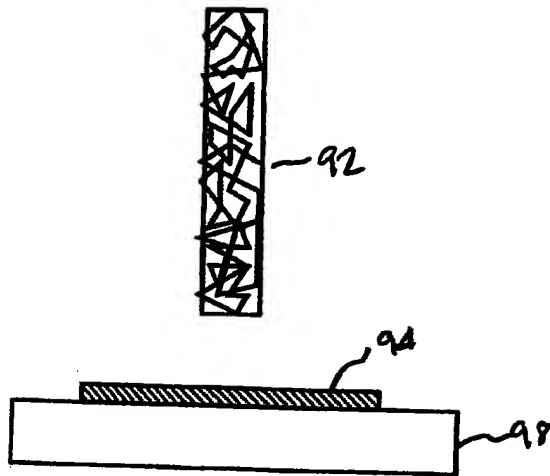


Figure 10A

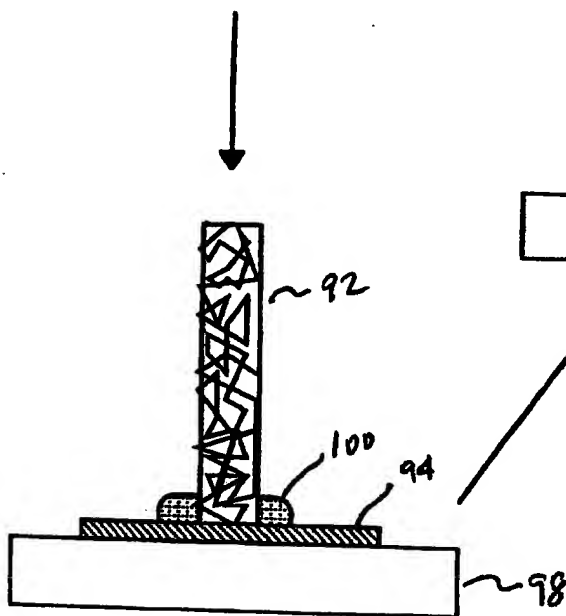


Figure 10B

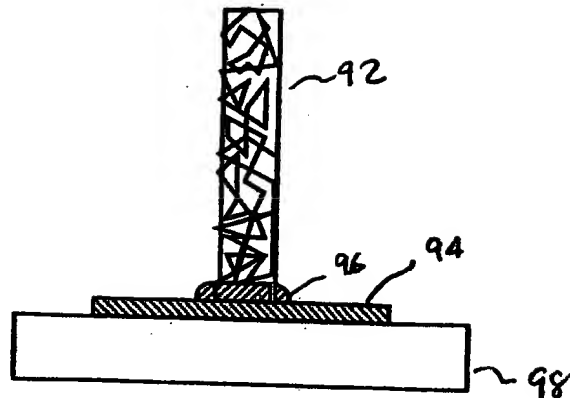


Figure 10C

Joining Diamond Foam to Diamond Film  
by Diamond Deposition